

Please type a plus sign (+) → +

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. : Filing Date : First Named Inventor: T. TAGUWA Group Art Unit : Examiner Name : Attorney Docket No. : NECW 18.451
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
Sheet 1 of 1		

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
<i>m</i>		4,423,355		KAGEYAMA	12/27/1983	
<i>m</i>		4,341,941		TATENO	07/27/1982	

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
<i>m</i>		05-021390	JP	mitsubishi electric corp	01/29/1993	
		09-064158	JP	TOSHIBA MACH CO LTD	03/07/1997	
		08-165584	JP	MATSUSHITA ELECTRIC IND CO LTD	06/25/1996	
		11-061456	JP	NEC CORP	03/05/1999	
		11-288922	JP	SONY CORP	10/19/1999	
		08-165585	JP	NIPPON SOKEN INC, et al.	06/25/1996	
		09-251935	JP	APPLIED MATERIALS INC.	09/22/1997	
<i>m</i>		09-210446	JP	DAIKIN IND LTD	08/12/1997	

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
Examiner Signature	<i>m Padgett</i>		Date Considered 7-8-04

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.4 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.